Applies To: **1998–01 CR-V** – ALL with Manual Transmission **December 18, 2001**

Selecting Gears Is Difficult at Times

SYMPTOM

Intermittently, selecting any gear with the clutch pedal fully depressed is difficult. This condition may be worse during frequent usage, such as in stop-and-go traffic.

PROBABLE CAUSE

The driver may be resting his or her foot on the clutch pedal, preventing the fluid from returning to the clutch master cylinder reservoir. This prevents the clutch from disengaging or engaging properly.

CORRECTIVE ACTION

Replace the clutch pedal, the clutch master cylinder, and the clutch lines with improved parts.

PARTS INFORMATION

Clutch Kit: P/N 06469-S10-305, H/C 6828180

REQUIRED MATERIALS

Honda DOT 3 Brake Fluid:
P/N 08798-9008, H/C 4423802

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

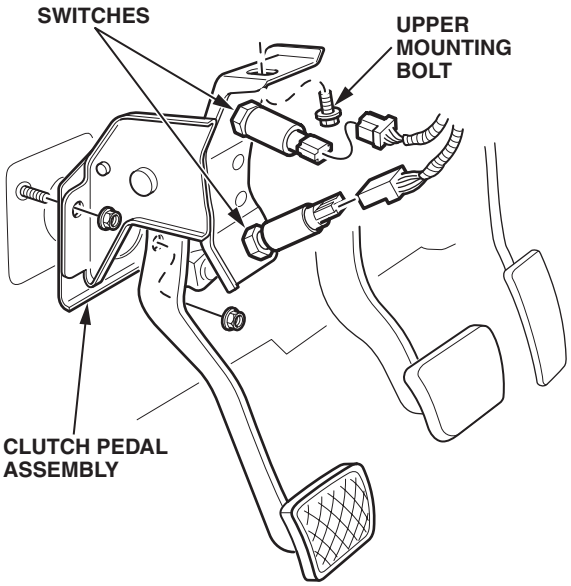
Operation Number:	211105
Flat Rate Time:	1.7 hours
Failed Part:	P/N 46920-S10-C01 H/C 5751219
Defect Code:	031
Contention Code:	B99
Template ID:	01-101A
Skill Level:	Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

REPAIR PROCEDURE

1. Record the radio station presets and the anti-theft code, then disconnect the negative battery cable.
2. Remove the clutch master cylinder. Refer to page 12-5 of the 1997–2001 CR-V Service Manual.

   NOTE: Do not disconnect the reservoir from the clutch master cylinder at this time.
3. Disconnect the switches, then remove the clutch pedal upper mounting bolt. Remove the pedal assembly.

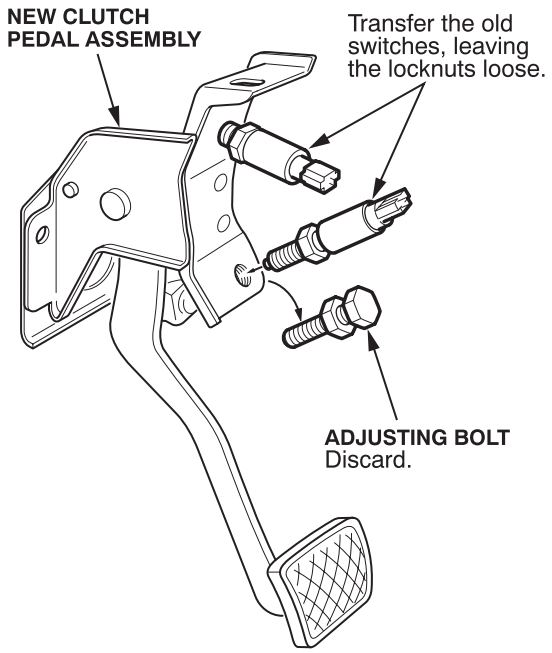


© 2001 American Honda Motor Co., Inc. – All Rights Reserved

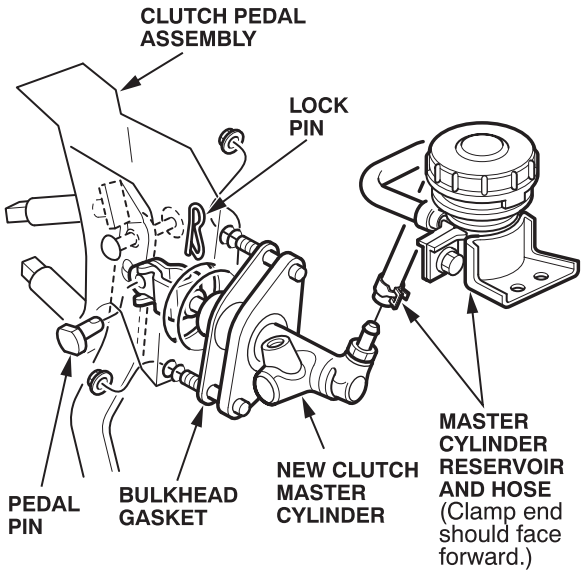
Skill Level
R
REPAIR

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

4. Remove and discard the adjusting bolt from the new clutch pedal assembly, then transfer the switches from the original pedal assembly to the new one. Do not tighten the locknuts for the switches yet.

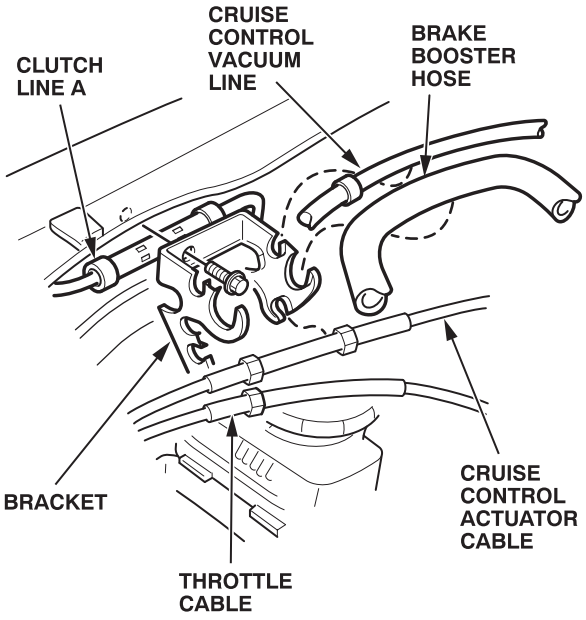


5. Install the new clutch pedal assembly, and attach it to the bulkhead with the upper mounting bolt. Do not tighten the bolt yet.
6. Transfer the clutch master cylinder reservoir and bulkhead gasket to the new master cylinder. Attach the reservoir hose to the master cylinder with the clamp ends toward the front of the master cylinder.

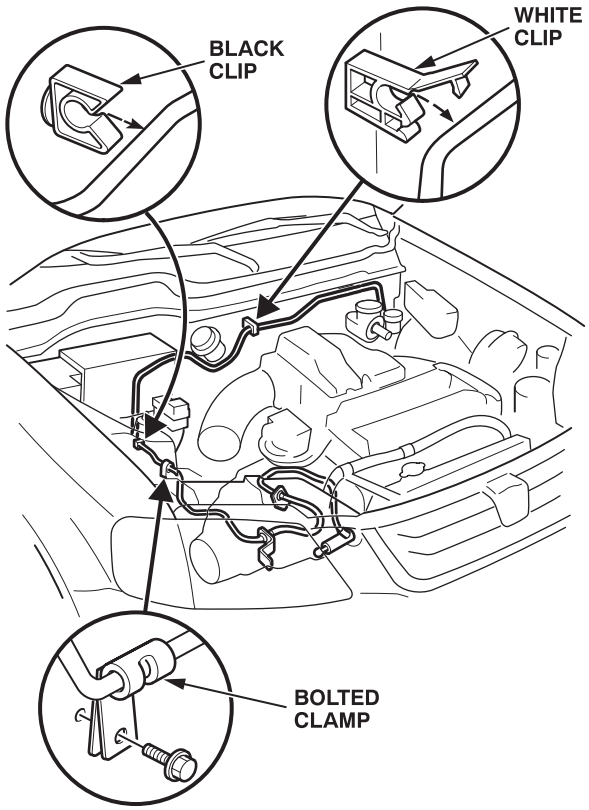


7. Install the new master cylinder, and loosely attach it to the bulkhead with the mounting nuts. Do not tighten the mounting nuts yet.
8. Under the dashboard, install the pedal pin from the right side, and install the lock pin on the left side from the bottom.

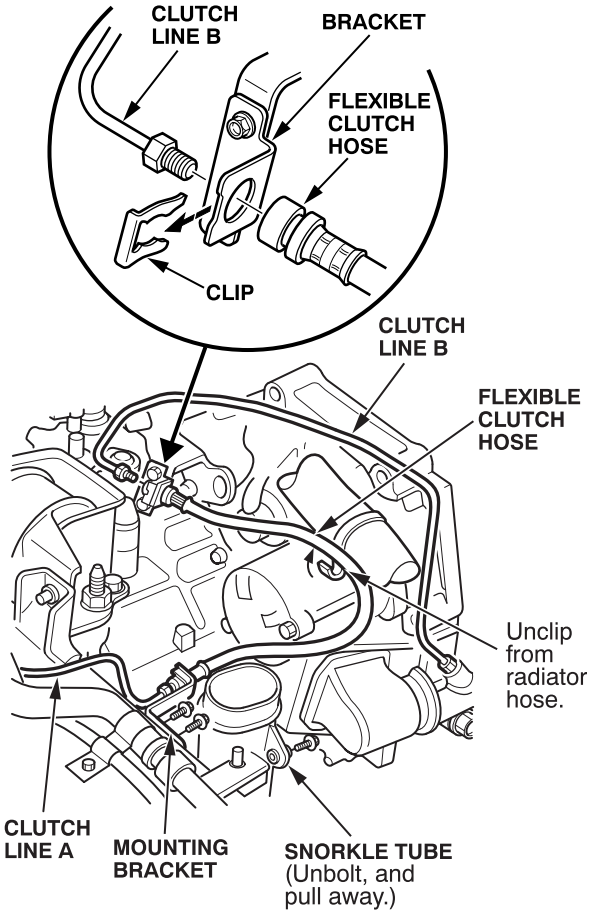
   NOTE: Do not adjust the length of the clutch master cylinder pushrod; it is factory set.
9. Torque the clutch master cylinder mounting bolt and nuts to 13 N·m (9.4 lb-ft.).
10. Relieve the fuel pressure. Refer to page 11-180 of the service manual.
11. Remove the lower fuel line from the fuel filter, then remove the two mounting bolts from the fuel filter bracket. Refer to page 11-184 of the service manual.
12. Remove the intake air duct and air cleaner housing. Refer to step 5 on page 5-2 of the service manual.
13. Remove the brake booster hose, the cruise control vacuum line, the throttle cable, and the cruise control actuator cable from the bulkhead mounting bracket. Remove the mounting bolt, free clutch line A (long steel line) from the bracket, and remove the bracket.



14. Remove clutch line A from the white clip in the center of the bulkhead and the black clip under the battery support, then remove it from the bolted clamp on the right frame rail.

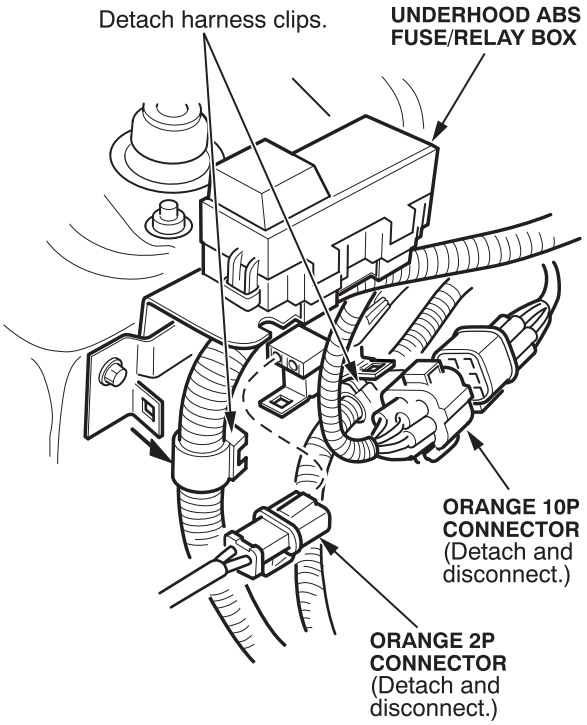


15. Disconnect the flexible clutch hose from clutch line B (short steel line) at the bracket where it attaches to the transmission.

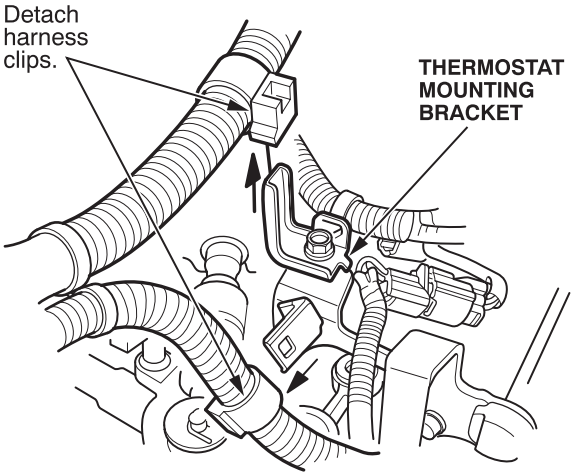


16. Remove the mounting bolts for the air snorkel tube, then remove the bolts for the mounting bracket that attaches clutch line A to the flexible hose. Retain the mounting bolts.

17. *For vehicles equipped with ABS:* Disconnect the orange 2P and 10P connectors, and detach the connectors from their mounting brackets. Detach the harness clip on the ABS motor harness, then route the harness under clutch line A.

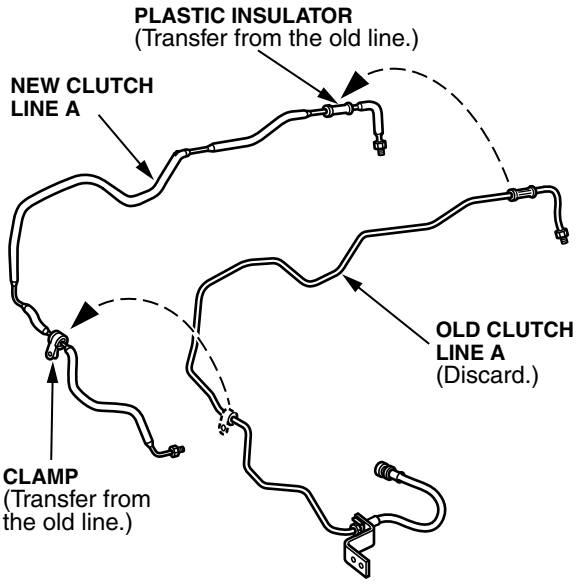

Detach harness clips.
UNDERHOOD ABS FUSE/RELAY BOX
ORANGE 10P CONNECTOR (Detach and disconnect.)
ORANGE 2P CONNECTOR (Detach and disconnect.)

18. Detach the engine harness and starter wire clips from the shock tower mounting bracket, then detach the engine harness clip from the thermostat mounting bracket.



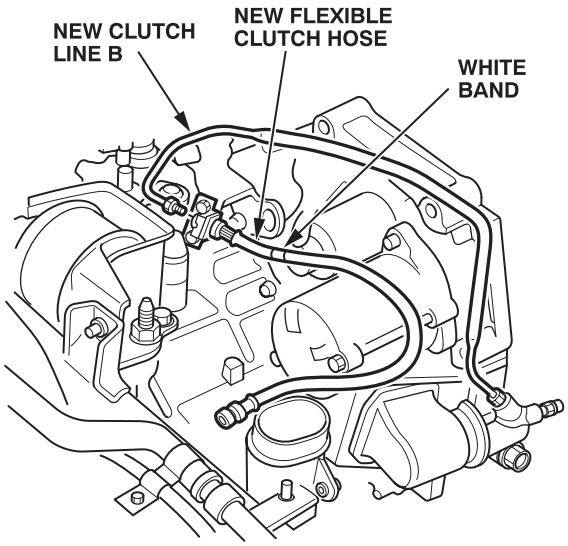
19. Remove clutch line A from the engine compartment as an assembly.

20. Transfer the plastic insulator and the clamp to the new clutch line A.


PLASTIC INSULATOR (Transfer from the old line.)
NEW CLUTCH LINE A
OLD CLUTCH LINE A (Discard.)
CLAMP (Transfer from the old line.)

21. Remove and discard clutch line B (from the slave cylinder to the mounting bracket), then install the new clutch line B. Do not tighten the line fitting yet.

22. Install the new flexible clutch hose with the white band toward clutch line B.



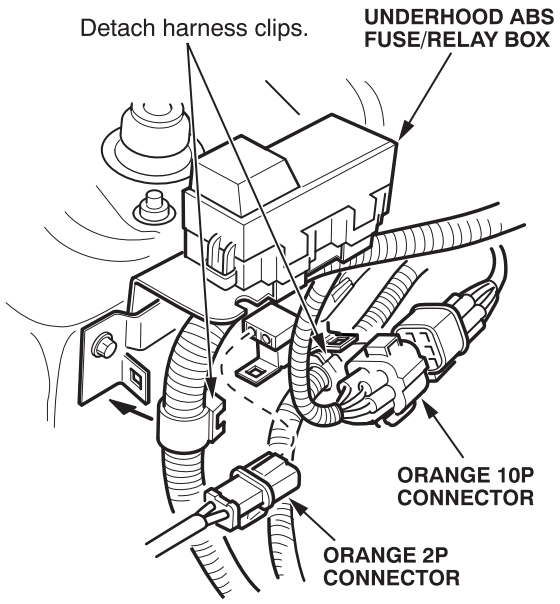
23. Install the new clutch line A. Do not tighten the fittings yet.

24. Install the new clutch line A mounting bracket with the bolts you retained in step 16. Torque the mounting bolts to 9.8 N·m (7.2 lb-ft).

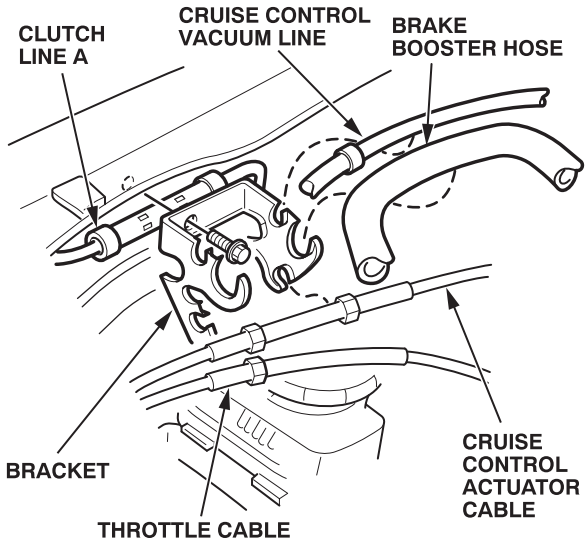
25. Reinstall the air duct tube, and torque the bolts to 9.8 N·m (7.2 lb-ft).

26. Torque all clutch line fittings to 15 N·m (11 lb-ft).

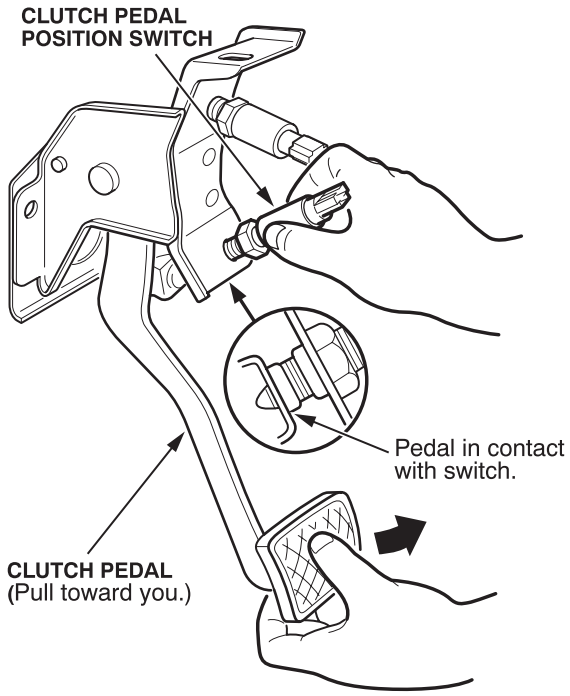
27. *For vehicles equipped with ABS:* Reconnect the orange 2P and 10P connectors, and attach the connectors to their mounting brackets.



28. Reinstall the engine harness and starter wire clips onto the shock tower and thermostat mounting brackets.
29. Reinstall the fuel filter and mounting bracket. Refer to page 11-184 of the service manual.
30. Attach the clutch master cylinder reservoir to the bulkhead. Tighten the bolts to 9.8 N·m (7.2 lb-ft).
31. Install clutch line A into the bulkhead mounting bracket, then attach the bracket to the bulkhead with the mounting bolt. Torque the bolt to 9.8 N·m (7.2 lb-ft).
32. Reattach the brake booster hose, the cruise control vacuum line, the throttle cable, and the cruise control actuator cable to the bulkhead mounting bracket.



33. Fill the clutch master cylinder reservoir with Honda DOT 3 brake fluid, and bleed the system. Refer to step 4 on page 12-6 of the service manual.
34. Reinstall the air cleaner housing and intake tube. Torque the mounting bolts to 9.8 N·m (7.2 lb-ft).
35. Reconnect the negative battery cable to the battery.
36. Adjust the clutch pedal position switch. While pulling the clutch pedal toward you, adjust the switch until the threaded body of the switch contacts the pedal; then turn the switch in a 1/4 turn more, and lightly tighten the locknut.



37. Depress the clutch pedal until it is 15 to 20 mm from the floor, and hold it there. Adjust the clutch interlock switch so that the engine will start with the clutch pedal in this position.
38. Torque the locknuts on both switches to 9.8 N·m (7.2 lb-ft).
39. Test-drive the vehicle. Check for proper clutch operation, and make sure that the cruise control is cancelled by depressing the clutch pedal.
40. Enter the customer's anti-theft code and radio station presets.
41. Reset the clock.